



North Carolina Department of Transportation  
Transportation Planning Branch

## Comprehensive Transportation Plan



### Study Report for the City of Locust and the Town of Stanfield

September 2004



**Comprehensive Transportation Plan  
Study Report  
for the  
City of Locust  
and  
Town of Stanfield**

**Prepared by the:** Transportation Planning Branch  
N.C. Department of Transportation

**In Cooperation with:** The City of Locust  
The Town of Stanfield  
The Federal Highway Administration  
U.S. Department of Transportation

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## **Acknowledgments**

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## Executive Summary

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In January of 2002, the Transportation Planning Branch of the North Carolina Department of Transportation and the City of Locust made a formal agreement to begin an update of the 1985 City of Locust Thoroughfare Plan. The resulting City of Locust and Town of Stanfield Comprehensive Transportation Plan, as shown in **Figure 1**, resulted from the implementation of the transportation planning principles.

It is important to realize that the recommended transportation plan is based upon anticipated growth and development of the planning area reflecting current zonal trends as provided by the planning area. Prior to the construction of specific projects, a more detailed study will be required to reconsider development trends, determine specific design requirements, and further evaluate environmental impacts.

The Comprehensive Transportation Plan for Locust and Stanfield currently includes recommendations for three planning elements: the highway map, the public transportation and rail map, and the bicycle map. The format for the pedestrian map has not been finalized so it was not developed as part of this study. The highway element was determined by a hand allocation application of the traditional four-step planning process: trip generation, trip distribution, mode choice, and trip assignment. The public transportation and rail element and bicycle element were determined through discussions with the planners and was based on their overall goals for the area.

This report documents the findings of this study along with the resulting recommendations for improvements. In addition, this report presents transportation cross-section recommendations, cost estimates for the recommended improvements, and environmental features found in the recommended improvement area.

After constant coordination with the planning department and several informational meetings with the council members and citizens of the planning area, the Locust and Stanfield Comprehensive Transportation Plan was adopted by the Locust City Council at its meeting on May 6, 2004, and was adopted by the Town of Stanfield on May 6, 2004. The Strategic Highway Corridors concept is an initiative to protect the mobility function of critical highway facilities. NC 24-27 in the study area was designated as part of a strategic highway corridor from Charlotte to Fayetteville after the adoption of the Locust and Stanfield Comprehensive Transportation Plan. Therefore, the principles of strategic highway corridor planning were not considered in the plan recommendations and should be reviewed when implementing future transportation improvements along this corridor.

Implementation of the plan rests largely with the policy boards and citizens of the planning area. Transportation needs throughout the State exceed the available funding; therefore, local areas should aggressively pursue funding for the projects they desire.



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